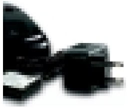
PMR446 Walkie Talkie

- UHF/FM 500mW Output Power Ultra-clear long distance reception. The maximum allowed by law.
- Up to 3km Range Range will vary depending on terrain and conditions.
- 8 Channels Front panel push buttons give you easy access to all 8 PMR channels.
- 38 CTCSS Privacy Codes Known as Coded Tone Controlled Squelch System, it provides for a total of 304 “sub-channels” when combined with the 8 PMR channels.
- Call Alert Provides an easily recognizable call alert tone for incoming calls.
- Roger Beep Tone Confirmation tone indicates the completion of your transmission, and signals to others it’s clear to talk. This feature is selectable and may be turned on or off.
- Keystroke Tone Signal Confirms key activation.
- Key Lock When activated, provides key pad security eliminating accidental channel changes.
- Power Saver A unique circuit extends the life of your batteries. If there are no transmissions within 10 seconds,
- the unit will automatically switch to battery saver mode.
- Maximum Range Extender Provides extended range reception.
- Auto Squelch Automatically shuts off weak transmissions or unwanted noise due to terrain or range constraints.
- Backlit LCD Maximum ease of use even at night.
- Speaker/Microphone Jack Allows use of earphone speaker/microphones and VOX accessories (not included) for “hands-free” operation.
- Charge Jack Allows charging of optional FA-BP NiMH battery pack using optional PA-CW Rapid AC Wall Mount Charger.
- Multilingual Manual Includes a 16 language instruction manual.
- No Licence or Service Fees High quality band frequencies with no fees.
- Belt Clip/Wrist Strap Secures your microTALK radio while on the go.
- Unit Dimensions:
  153.5 mm H x 62.8 mm W x 40 mm D
- Unit Weight 97.8 g
- Batteries 4 AAA alkaline batteries per radio (not included)

OPTIONS

NEW
Cobra Rapid AC Wall Charger



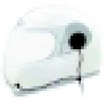
REF 34011
Cobra Handsfree Voice Activated headset

REF 34012
Cobra Battery Pack NiMh

REF 34013
Cobra Earphone with PTT

REF 34014
Cobra Speaker microphone

REF 34019
dectel Motorbike Headset



Private Mobile Radio (PMR446)

No licence required
No line rental – No call charges

PMR446 is a European standard licence-free radio service utilising 8 12.5khz spaced channels in the 446mhz band.
Due to the considerable uptake of the service, PMR446 radio sets can now be bought a pair. The Radio Agency requires that radios have a maximum of 500mw (1/2 watt) ERP (Effective Radiated Power) to an internal antenna. This limites range to, realistically 1/2 to 1 mile around town and up to 2 miles in open country. In line of sight conditions and at altitude ranges of over a hundred miles have been obtained.
CTSS (continuous tone squelch system) is incorporated in most radio sets as a means to prevent interference with only 8 channels available - the radio ignores all incoming signals except those that are also transmitting this sub-audible tone.
There are eight 12.5 kHz simplex frequencies which can be used anywhere in the United Kingdom. The frequencies have been harmonised (but not necessarily authorised) for use across Europe. The channels centre frequencies are as follows:

1. 446.00625 MHz
2. 446.01875 MHz
3. 446.03125 MHz
4. 446.04375 MHz
5. 446.05625 MHz
6. 446.06875 MHz
7. 446.08125 MHz
8. 446.09375 MHz

The frequencies are shared and users may, under local heavy use conditions, experience interference and problems with sharing channels. These may be reduced by changing frequency and/or CTCSS tone and/or DCS code. PMR 446 is not suitable for safety of life use or for users who need to have access to frequencies at particular locations and times.
As a licence exempt service, PMR 446 is unprotected and the Agency will not become involved in interference or channel sharing disputes between users.
Before speaking you should check that a frequency is free by either listening or using the channel busy indicator. When you speak you should identify yourself and the person you are calling. The radios allow communication in only one direction at a time so you will find it helpful to identify when you have finished speaking. It is expected that the frequencies will become particularly busy in cities or where large numbers of people gather such as large sporting events. All users will benefit if messages are kept short.
PMR 446 radio equipment can be used in CEPT member countries that have implemented the ERC Decisions listed above.